

Converting Colors

CIELCh(65, 73.348, 334.794)

Have a look what the booklet for
CIELCh(65, 73.348, 334.794)
contains.

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Color

CIELCh(65, 73.350, 334.743)

Conversions

Conversions Part 1

Format	Color
Hex	F468D7
RGB	244, 104, 215
RGB Percent	96%, 41%, 84%
CMY	0.0431, 0.5921, 0.1568
CMYK	0.00, 0.57, 0.12, 0.04
HSL	312°, 86%, 68%
HSV	312°, 57%, 96%
XYZ	54.5338, 34.0472, 67.9976
YIQ	158.5140, 47.8090, 64.2010

Conversions

Conversions Part 2

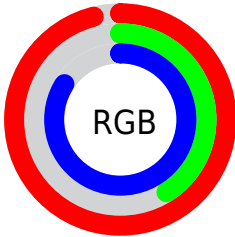
Format	Color
RYB	244, 104, 215
Decimal	16017623
CIELab	65.00, 66.34, -31.30
CIELCh	65, 73.350, 334.743
Yxy	34.0472, 0.3483, 0.2174
Android (android.graphics.Color)	4294207703 (0xFFFF468D7)
YUV	158.5140, 27.8476, 74.9712
Hunter-Lab	58.3500, 64.7135, -28.2481

Details

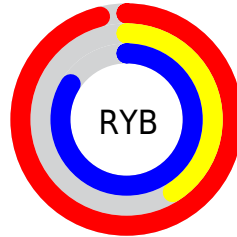
The CIELCh color $65, 73.350, 334.743$ is a light color, and the websafe version is hex FF66CC . A complement of this color would be $87, 74.032, 145.243$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 58.540, 326.437$, and $45, 73.391, 334.786$ is the 20% darker color. If you saturate the color by 10%, you get $61, 82.679, 335.546$, and if you desaturate by 10%, it is $69, 62.168, 333.985$.

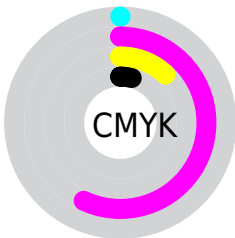
Distribution



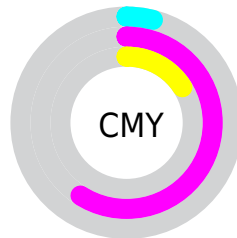
- Red (96%)
- Green (41%)
- Blue (84%)



- Red (96%)
- Yellow (41%)
- Blue (84%)



- Cyan (0%)
- Magenta (57%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (59%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 73.350, 334.743 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 73.350, 334.743 by changing the saturation by 10% instead.


 65, 73.350,
334.743


 65, 73.350,
334.743


 100, 73.350,
334.743


 55, 73.350,
334.743


 85, 73.350,
334.743

 45, 73.350,
334.743

 95, 73.350,
334.743

 35, 73.350,
334.743

 25, 73.350,
334.743

 15, 73.350,
334.743

 5, 73.350, 334.743

 0, 73.350, 334.743

65, 73.350,
334.743

65, 73.350,
334.743

61, 82.679,
335.546

69, 62.168,
333.985

58, 89.573,
336.417

74, 49.754,
333.258

56, 93.629,
337.391

80, 36.636,
332.556

55, 94.874,
338.509

86, 23.221,
331.876

55, 94.958,
338.820

92, 9.796, 331.206

98, 3.448, 150.726

99, 4.505, 168.021

99, 3.793, 199.339

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65, 73.350, 334.743



87, 74.032, 145.243

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 73.350, 334.743



65, 73.350, 24.743



65, 73.350, 154.743



65, 73.350, 204.743

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65, 73.347, 334.743



89, 23.548, 331.854



53, 80.370, 303.731



46, 15.762, 331.989



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 73.347, 334.743



63, 86.960, 335.697



63, 57.655, 4.465



48, 7.584, 331.349



42, 77.700, 338.603



10, 35.260, 336.956

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



65, 73.347, 334.743



63, 86.960, 335.697



88, 48.619, 169.443



48, 7.584, 331.349



42, 77.700, 338.603



10, 35.260, 336.956

Previews

White Background



This preview shows how the CIELCh color 65, 73.350, 334.743 looks on a white background.

Color Contrast Check

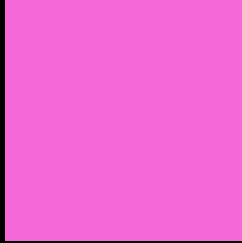
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 65, 73.350, 334.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

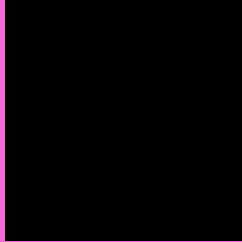
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 73.350, 334.743

Background



This preview shows how black text looks on a background with the CIELCh color 65, 73.350, 334.743.



This preview shows how white text looks on a background with the CIELCh color 65, 73.350, 334.743.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
65, 73.350, 334.743

Protanopia
65, 55.732, 285.998

Deuteranopia
65, 28.960, 287.995



Tritanopia
65, 45.946, 18.687

Trichromacy



Original Color
65, 73.350, 334.743



Protanomaly
63, 58.809, 304.074



Deuteranomaly
64, 44.200, 314.745



Tritanomaly
65, 51.467, 357.145

Monochromacy



Original Color
65, 73.350, 334.743



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 29.152, 332.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 73.350, 334.743 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(244, 104, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 104, 215)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(244, 104, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 104, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 73.350, 334.743 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(244, 104, 215) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(244, 104, 215) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(244, 104, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 104, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 104, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 104,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 73.350, 334.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 104, 215) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(244,  
104, 215) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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